INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7   G06K9/00   G06F21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7   G06K   G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LYONS M ET AL: "AVATAR CREATION USING AUTOMATIC FACE PROCESSING" PROCEEDINGS OF THE ACM MULTIMEDIA 98. MM '98. BRISTOL, SEPT. 12 - 16, 1998, ACM INTERNATIONAL MULTIMEDIA CONFERENCE, NEW YORK, NY : ACM, US, vol. CONF. 6, 12 September 1998 (1998-09-12), pages 427-434, XP000977533 ISBN: 1-58113-036-8	1-3, 5-11, 13-19, 21-24
Y	abstract; figures 1,2,7 page 427, left-hand column - right-hand column, paragraph 3 page 428, left-hand column, paragraph 2 - paragraph 3 page 431, left-hand column, paragraph 1 page 432, left-hand column, paragraph 2 - page 433, left-hand column, paragraph 3	4,12,20

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| X | Further documents are listed in the continuation of box C. | | X | Patent family members are listed in annex. |

° Special categories of cited documents :

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
4 January 2005	19/01/2005

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340-2040, Tx. 31 651 epo nl, Fax (+31–70) 340-3016	Müller, M

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ADLER A: "Automatic face recognition system architecture for collaborative virtual environments" PROC. IEEE INT. WORKSHOP ON HAPTIC VIRTUAL ENVIRONMENTS AND THEIR APPLICATIO, 17 November 2002 (2002-11-17), - 18 November 2002 (2002-11-18) pages 1-6, XP010620362	1-3, 5-11, 13-19, 21-24
Y	abstract; figures 1,2 * section 1 *	4,12,20
X	YAMAGUCHI T ET AL: "Re-generation of facial image eye-contacting with partner on tv conference environment" SYSTEMS, MAN, AND CYBERNETICS, 2000 IEEE INTERNATIONAL CONFERENCE ON NASHVILLE, TN, USA 8-11 OCT. 2000, PISCATAWAY, NJ, USA,IEEE, US, 8 October 2000 (2000-10-08), pages 1169-1174, XP010524813 ISBN: 0-7803-6583-6 abstract; figures 1,10 page 1170, right-hand column, paragraph 2 - page 1171, left-hand column page 1173, left-hand column, paragraph 1	1,9,17
Y	TIAN Y AND BOLLE R: "Automatic Detecting Neutral Face for Face Authentication" PROC. SPRING SYMP. ON INTELLIGENT MULTIMEDIA KNOWLEDGE MANAGEMENT, 24 March 2003 (2003-03-24), pages 93-99, XP002312322 USA, CA, * section 1 *	4,12,20
A	EP 1 094 657 A (BRITISH TELECOMM) 25 April 2001 (2001-04-25) abstract; claim 1; figures 2,4-7 paragraph '0002! - paragraph '0003! paragraph '0020! - paragraph '0034!	7,8,15, 16,23,24

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 1094657	A	25-04-2001	EP	1094657 A1	25-04-2001
			AU	7807600 A	30-04-2001
			WO	0130059 A1	26-04-2001